

The diagram illustrates a naphtha desulfurization process. It begins with a 'Naphtha Feed' (101) entering a 'S P L I T T E R' (10). The splitter divides the feed into three streams: 'Light Naphtha' (102), 'Inter. Naphtha' (104), and 'Heavy Naphtha' (106). The 'Light Naphtha' stream (102) goes to a 'Caustic Wash' unit (20), which produces an output (103). The 'Inter. Naphtha' stream (104) is mixed with a hydrogen stream (105) and then enters a 'Hydro-desulfurization' unit (30). The 'Heavy Naphtha' stream (106) is mixed with a hydrogen stream (107) and enters another 'Hydro-desulfurization' unit (40). The output of unit 40 (108) is recycled back to the 'Inter. Naphtha' stream (104) before it enters unit 30. Finally, unit 30 produces the main output stream (109).

FIG. 1

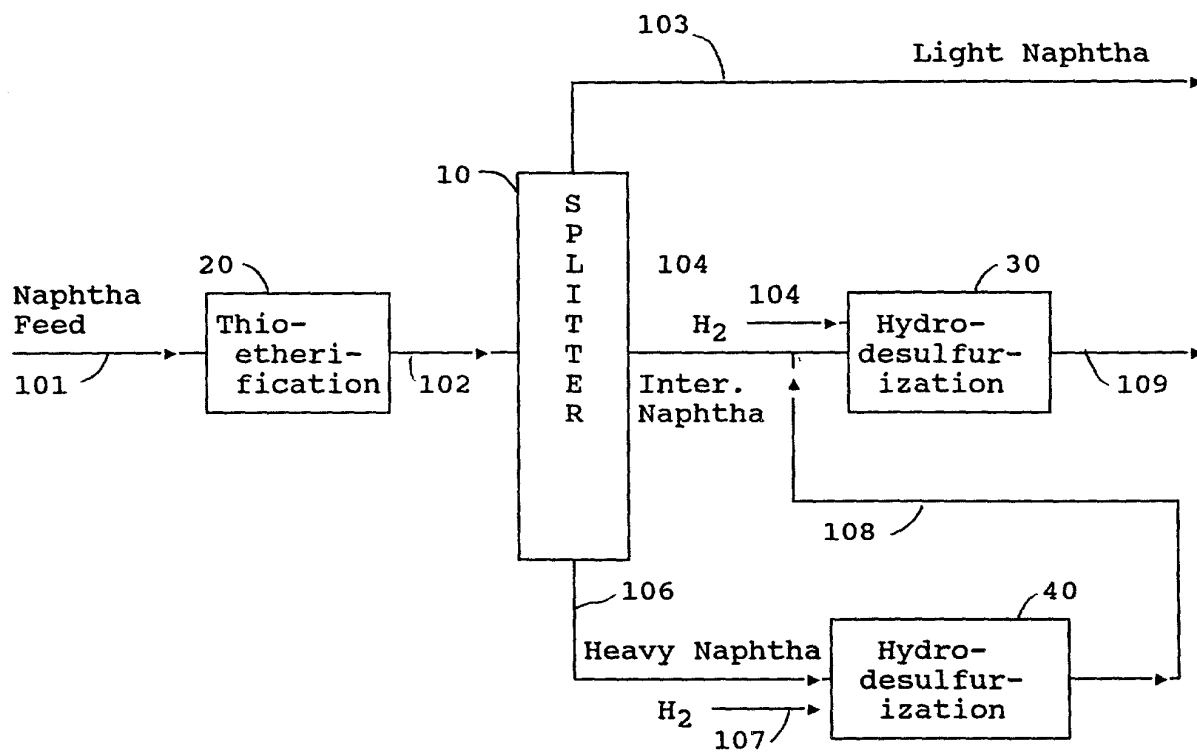


FIG. 2